

10.3.1.1

From: SEAN SHELDRAKE (SSHELDRA)
To: R10ORC1:SEATTLE:Boise:ROID01:BGOEHRIN
Date: Friday, June 17, 1994 7:14 am
Subject: Price per linear foot. -Reply

Using the \$20/ft figure to be conservative, I got a total cost for the MOA buildings of \$25.7K for asbestos removal and disposal on-site. Despite the fact that no gross asbestos was discovered (i.e. on boilers, etc.), this seems low to me, but I have no experience with asbestos work. This was for the following piping and locations, based on Bill Hudson's (CH2M HILL) reconaissance:

| | Linear Feet | Location above floor/ft /accessibility |
|--------------|-------------|---|
| Concentrator | 10 | 10 |
| | 92 | 10 |
| | 132 | 50 |
| | 66 | accessible |
| Power House | 222 | 40 |
| | 366 | crawl space |
| | 400 | service corridor |
| Total/ft | 1288 | |
| Cost/\$/ft | 20 | |
| Total/\$ | 25,760 | |

Given the above accessibility information, is \$20/ft still look to high? too low?

Let me know what you think.

Thanks.

CC: ANOLAN

OPTIONAL FORM 99 (7-90)

| | | |
|----------------------------|-------------------------------|---------------------------------|
| FAX TRANSMITTAL | | # of pages ▶ 2 |
| To <i>Joan Stofa</i> | From <i>Sean Sheldrake</i> | |
| Dept./Agency <i>CH2</i> | Phone # <i>553.1220</i> | |
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| NSN 7540-01-317-7368 | 5099-101 | GENERAL SERVICES ADMINISTRATION |

JOAN - FYI. What do you think about incorporating MOA asbestos w/ Zn plant, acid plant, etc?
-Sean

USEPA SF



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10.03.01.01

From: BECKY GOEHRING (BGOEHRIN)
To: SSHELDRA
Date: Friday, June 17, 1994 6:08 am
Subject: Price per linear foot.

I don't have a firm price. It depends on how hard it is to get to and how much there is. Liability insurance typically runs minimum \$200 per job for a small job, then you have mobilization fees, etc. It might cost \$1000 to remove 50 lf if the job is 100 miles from nowhere and that's all there is on the project. We use \$20/lf when figuring economic benefit, but that's a little high for Idaho.

If you're talking about something like the zinc plant at Bunker, the cost could be as little as \$0.50/lf since the project is long and they don't have to pay dump fees.

If you can get me some more information, like how many lf and where, I can get a better price for you to use. If not, use \$15.00/lf as the maximum.

ACTIVITY REPORT

TRANSMISSION OK

| | |
|----------------|-------------|
| TX/RX NO. | 3882 |
| CONNECTION TEL | 94625957 |
| CONNECTION ID | CH2M HILL |
| START TIME | 06/17 07:58 |
| USAGE TIME | 00'52 |
| PAGES | 2/002 |

From: BECKY GOEHRING (BGOEHRIN)
To: R0ID01:BOISE:Seattle:R10ORC1:ROWASTE:SSHELDRA
Date: Friday, June 17, 1994 9:19 am
Subject: Price per linear foot. -Reply -Reply

I talked to a couple abatement contractors. They said \$15/lf to go up and do just the MOA Buildings (mostly because of the height, or the crawlspace or service corridor), so if you keep using \$20/lf to do your cost estimates, you'll be in fine shape.